| L10 | 579 | (azo or azobenzene) and (isomer\$8 or photochrom\$6) and I5                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/07 14:54 |
|-----|-----|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| L11 | 269 | l10 and @ad<"20009019"                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/07 14:54 |
| L12 | 71  | (((optical or laser or information)<br>near5 (medium or media or disk\$1 or<br>disc\$1)) or grating or hologra\$6) and<br>l11 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/07 14:54 |

| Ref<br># | Hits  | Search Query                                                                                                                                                        | DBs                                                     | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|---------|------------------|
| L1       | 64707 | (berneth or kostromine or bieringer). in. or bayer.asn.                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 12:07 |
| L2       | 360   | I1 and ((optical or laser or information or photo) near5 (media or medium or disk\$1 or disc\$1))                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 12:28 |
| L3       | 70    | I2 and (isomer\$8 or photoisomer\$8 or anisotrop\$4 or (double near5 refraction))                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 12:10 |
| L4       | 87    | I2 and (isomer\$8 or photoisomer\$8 or<br>anisotrop\$4 or azo or (double near5<br>refraction))                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 12:27 |
| L5       | 2909  | (textur\$4 or topography) same<br>(isomer\$8 or photoisomer\$8 or<br>anisotrop\$4 or azo or azoic)                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 12:33 |
| L6       | 409   | I5 and ((optical or laser or information or photo) near5 (media or medium or disk\$1 or disc\$1))                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 12:28 |
| L7       | 75    | I5 same (((optical or laser or information or photo) near5 (media or medium or disk\$1 or disc\$1)) or hologra\$6 or grating\$1)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 12:32 |
| L8       | 2881  | (textur\$4 or topography) same<br>(((optical or laser or information or<br>photo) near5 (media or medium or<br>disk\$1 or disc\$1)) or hologra\$6 or<br>grating\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .                | ON      | 2006/03/07 12:33 |
| L9       | 7129  | (textur\$4 or topography or relief) same (((optical or laser or information or photo) near5 (media or medium or disk\$1 or disc\$1)) or hologra\$6 or grating\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 12:34 |

| L10 | 8907 | (textur\$4 or topography or relief or<br>((optical or laser or information or<br>photo) near5 (media or medium or<br>disk\$1 or disc\$1)) or hologra\$6 or<br>grating\$1) same (isomer\$8 or<br>photoisomer\$8 or anisotrop\$4 or azo<br>or azoic) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/07 12:34 |
|-----|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| L11 | 383  | 19 and 110                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/07 12:34 |
| L12 | 175  | i11 and @ad<"20000919"                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/07 12:44 |
| L13 | 200  | (natansohn or savant or hvilstad).in.                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/07 12:45 |
| L14 | 5    | I13 and azo\$6                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/07 12:45 |
| L15 | 80   | (hvilsted or hvilstad).in.                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/07 12:45 |

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| Ref<br># | Hits  | Search Query                                                                                                                                   | DBs                                                     | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|---------|------------------|
| L1       | 2     | "6153272".pn.                                                                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 14:37 |
| L2       | 1040  | (azo or azobenzene) same (((optical<br>or laser or information) near5<br>(medium or media or disk\$1 or<br>disc\$1)) or grating or hologra\$6) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 14:54 |
| L3       | 84348 | (polymer\$6 same (protective or protection or overcoat\$4))                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 14:48 |
| L4       | 74    | l2 and l3                                                                                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 14:39 |
| L5       | 39395 | (UV or ultraviolet) same (protective or protection or overcoat\$4)                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 14:48 |
| L6       | 199   | (I2 and I5) not I4                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 14:49 |
| L7       | 58    | l6 and @ad<"20009019"                                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 14:53 |
| L8       | 99    | (azo or azobenzene) same I5                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 14:53 |
| L9       | 58    | l8 and @ad<"20009019"                                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/03/07 14:54 |